



John Bel Edwards  
GOVERNOR

## Office of State Fire Marshal

8181 Independence Blvd. Baton Rouge, LA 70806  
(225) 925-4911 (800) 256-5452 Fax (225) 925-4241



H. "Butch" Browning  
FIRE MARSHAL

### Cautionary Codes

<b>Project Number:</b>	AR-18-016581
<b>Project Name:</b>	7801 MAPLE STREET

**The items listed below are comments for informational purposes or identified requirements that will be verified upon final inspection by this office. These requirements need not be addressed back to the reviewer, however should be addressed prior to construction and inspection scheduling. Failure to comply with or otherwise address these items may affect final occupancy and use of the structure.**

1	Scope of Work: This review is for a new 32 KW outdoor natural gas generator for an existing BUSINESS occupancy.
2	A REVIEW FOR COMPLIANCE WITH THE FIRE PROTECTION AND EGRESS REQUIREMENTS OF CHAPTERS 9 AND 10 OF THE INTERNATIONAL BUILDING CODE IS INCLUDED IN THIS REVIEW. Review for compliance with all other requirements of the LOUISIANA STATE UNIFORM CONSTRUCTION CODE, in accordance with Act 12 of the 2005 First Extraordinary Session of the Louisiana Legislature, IS NOT INCLUDED IN THIS REVIEW. Contact the building official of the applicable political subdivision to coordinate compliance with these requirements. LRS 40:1730.23 mandates the enforcement of building codes by municipalities and parishes in Louisiana, as described by LRS 40:1730.28.
3	This review applies to new work indicated in the drawings and does not apply to existing non-conforming conditions.
4	101:38.5.1 Utilities shall comply with the provisions of Section 9.1.
5	Compliance with the 2014 NFPA 70, National Electrical Code (NEC), is mandated by RS 40:1730.28.A(7). Contact the local Building Official of the applicable local political subdivision or a Louisiana State Uniform Construction Code Council registered third-party provider to verify plan review and inspection requirements of the proposed electrical work.  ~ Comply with the grounding requirements of NFPA 70:517.13, if "PATIENT CARE AREAS", such as exam and treatment rooms, are provided. Wiring in "PATIENT CARE AREAS" shall comply with 517.13(A) and (B).
6	101:9.1.1 Install gas piping in accordance with NFPA 54.
7	NFPA 37:4.1.4 Locate engines and weatherproof housings, if provided, at least 5 ft. from wall openings and at least 5 ft. from combustible walls, unless the adjacent structure wall has a fire resistance rating of at least 1 hour, or if the weatherproof enclosure is constructed of noncombustible materials and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure.
8	NFPA 37:4.2 Engines shall be supported on foundations or secured to a noncombustible framework.
9	101:9.1.3 Emergency generators and standby power systems shall comply with NFPA 110, Standard for Emergency and Standby Power.
10	NFPA 110:5.6.9 Generators shall comply with Article 445 of NFPA 70, National Electrical Code, and with the requirements of NFPA 110:5.6.9.1 through 5.6.9.9.
11	NFPA 110:7.9 Where the generator's natural gas supply is connected to the building gas supply system, it shall be connected on the supply side of the main gas shutoff valve and marked as supplying an emergency generator. The building's main gas shutoff valve shall be marked or tagged to indicate the existence of the separate EPS shutoff valve. Valves for natural gas-fueled prime movers should be configured so that the gas supply to the prime mover cannot be inadvertently or intentionally shut off by anyone other than qualified personnel such as the gas supplier. If valves are placed in an isolated area, then a secure area or locking the valve(s) open is recommended.